

Wetlands: *Reinvesting in Iowa's Natural Capital*

APRIL 2-3, 2009

Photo by: Ty Smedes

April 2- Iowa Association of Municipal Utilities (IAMU)

Chichaqua Bottoms

Metro Park East

State Historical Building

April 3- State Historical Building

Conference Goals and Objectives:

- **Restore** the traditional water wealth of Iowa by striking a healthy balance between human industry and nature's strategies.
- **Create** awareness of the escalating costs associated with unbalanced water management.
- **Empower** landowners, community leaders, elected officials, design professionals, and environmental enthusiasts with the information necessary to maximize their water resources.
- **Identify and encourage** new and innovative funding sources for both public and private watershed restoration and flood prevention.

Sponsored by:

Des Moines Water Works | Great Outdoors Fund | Johnson Policy Associates | Metro Waste Authority | Polk County Conservation |
Polk Soil & Water Conservation District | Racoon River Watershed Association | RDG Planning & Design



Photo by: Polk County Conservation

Do you own or manage land?

Are you an eco-sensitive design professional or studying to become one?

Are you an elected official charged with the duty of making responsible fiscal decisions?

Are you a conservationist, bird watcher, hunter, outdoors enthusiast or simply someone looking for solutions to water quality problems and flood damage?

If you said 'yes' to any of the questions above, this conference is for you!

Iowa stands poised to lead the farm belt in maximizing water resources for a healthier, safer, and more abundant future. Whether we take the necessary steps to forge ahead or choose instead to fall behind depends on you. Come join state and national experts as they explore the expanding universe of successful strategies for balancing the impact of agricultural and urban activities with nature's brilliant water management system: wetlands!

DAY 1

- Urban Watershed planning by the nationally recognized Director and Deputy Director who created the Staten Island Bluebelt (C.E. credits available)
- Natural systems tour of Chichaqua Bottoms and the Metro Park East treatment wetlands
- Evening reception in the beautiful East Village at the State Historical Building including invited keynote speaker US Secretary of Agriculture Tom Vilsack and breathtaking nature photography of Ty Smedes

DAY 2

- Presentation on the greening of America for water protection.
- Intensive expert-packed multi-panel presentation on the benefits of wetlands for flood prevention and water quality improvement.
- Series of sessions designed to save money via the creation of successful wetland systems, including step by step case studies of local projects, adventures in fundraising, and an historical overview by The Emerald Horizon Author Cornelia Mutel.
- Don't miss the giant sponge demonstration of wetlands' ability to hold water!



Photo by: Polk County Conservation

Organized in Partnership by:

Doug Adamson, RDG Planning & Design | **Pat Boddy**, IA Department of Natural Resources | **Scott Crawford**, American Society of Landscape Architects Iowa Chapter | **Michael Delaney**, Racoon River Watershed Association | **Vince Evellsizer**, IA Department of Natural Resources | **Tom Hadden**, Metro Waste Authority | **Joanna Johnson**, Johnson Policy Associates | **Carl and Linda Kurtz** | **Loren Lown**, Polk County Conservation | **Wayne Petersen**, IA Department of Agriculture and Land Stewardship | **Scott Ralston**, RDG Planning & Design | **Bob Riley**, CEO Feed Energy | **Pat Sauer**, Iowa Storm Water Education Program (IAMU) | **Jennifer Welch**, Polk Soil & Water Conservation District

THURSDAY, APRIL 2, 2009

- 8:30-11:30 a.m. Planning and Design Session with Staten Island Bluebelt Speakers Dana Gumb and Dean Cavallaro; and Moderator Scott Ralston, P.E., of RDG Planning & Design at Iowa Association of Municipal Utilities (IAMU)
- Noon-4:00 p.m. Natural Systems for Water Improvements Tour (IAMU, Chichaqua Bottoms, Metro Park East)
- 5:30-8:30 p.m. Reception at State Historical Building - Exhibit Area Opens
Iowa Wetlands Showcase by Ty Smedes
The Next Ten Years Flood Outlook - Dr. Chris Anderson, Iowa State University
Keynote Speaker - US Secretary of Agriculture Tom Vilsack (invited)

FRIDAY, APRIL 3, 2009

- 7:00 a.m. Registration & Networking at State Historical Building
- 7:30-8:30 a.m. Bluebelt: The Greening of America for Water Protection
- 8:30-9:00 a.m. Break / Exhibits Open
- 9:00-11:00 a.m. The Wetlands Value Pack
Flood Mitigation:
 - Flood 08 Costs to Taxpayers - Ken Tow, RIO (invited)
 - How Wetlands Mitigate Flood Damage - Jill A. Kostel, Senior Environmental Engineer, The Wetlands Initiative
Water Quality:
 - Costs of Treatment to Ratepayers - Bob Riley, Trustee, Des Moines Water Works
 - How Wetlands Work to Treat Contaminated Water - Tom Hadden, Metro Waste Authority
 - Raccoon River at Outlet Creek Project - Dr. Melinda Coogan, Assistant Professor of Biology, Buena Vista University
- 11:15-12:15 p.m. **Concurrent Sessions**
Stop Throwing Money Down the Drain: Wetlands that Work
- Scott Marler, DOT; Neal Johnson, USACE; Terry VanDeWalle, NRC Consulting; Jennifer Anderson, NRCS

The Evolution of Iowa's Water Problems
- Cornelia Mutel, IIHR - Hydrosience & Engineering, University of Iowa; Author of The Emerald Horizon and Fragile Giants

State Water Plan Rollout
-William Ehm, IDNR
- 12:15-1:45 p.m. **LUNCH BREAK**
 - Iowa ASLA Awards Program
 - Sponge Demonstration
- 1:45-3:00 p.m. **Concurrent Sessions**
Step by Step Restoration with the Experts: Components of a Fully Functional Wetlands System
- Vince Eversizer, DNR; Loren Lown, PCCB - followed by case study presentations:
 - First Des Moines Airport Mitigation
 - Farm Bureau Wetland Mitigation Bank
 - Chichaqua Bottoms Greenbelt
 - Carl & Linda Kurtz' Converted Prairie and Wetlands
Hydrologically Functional Landscapes: Panel discussion of Land Management options for flood reduction, soil quality maximization and habitat stabilization. - Wayne Peterson, IDALS; Dana Gumb & Dean Cavallaro, Staten Island Bluebelt Project; Dean Lemke, IDALS; Eric Lindstrom, Regional Biologist, Ducks Unlimited
- 3:00-3:30 p.m. Break / Exhibits Open
- 3:30-5:00 p.m. **Project Funding for Wetlands Restoration and Floodplain Management**
 - Global Resource Strategies - Dr. Reynolds Ferrante, Senior Research Scientist, SoSA Corp; and Gary Citrenbaum, President, SoSA Corp
 - Easement Programs - Monica Monk, Easement Programs Coordinator, NRCS
 - Nutrient Farming - Jill A. Kostel, Senior Environmental Engineer, The Wetlands Initiative
 - Air, Water & Carbon Biogenic Utility - Bob Riley; Dave Miller, Farm Bureau
- 5:15-6:00 p.m. **Closing Session**

Registration Information

Name: _____

Organization: _____

Address: _____

City: _____

State/Zip: _____

Phone: _____

Email: _____

(please include your e-mail so a confirmation can be sent)

Affiliation

(please indicate your professional affiliation)

☐ Iowa ASLA Member

☐ Elected Official

☐ Non Profit _____

☐ Land Owner

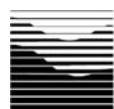
☐ City, County, State _____

☐ Other _____

Registration Fees

(Please indicate which session(s) you will be attending)

	Before March 26th	After March 26th
<input type="checkbox"/> April 2 and 3 all events	\$200	\$250
<input type="checkbox"/> April 2 Technical session, tour and evening reception	\$100	\$125
<input type="checkbox"/> April 2 Reception only	\$ 25	\$35
<input type="checkbox"/> April 3 Bluebelts Breakfast Session only	\$ 25	\$35
<input type="checkbox"/> April 3 Breakfast Session and Wetland Value Pack Symposium	\$100	\$125
TOTAL	_____	_____



**IOWA CHAPTER
AMERICAN SOCIETY OF
LANDSCAPE ARCHITECTS**

ASLA Iowa Chapter is registered with the American Society of Landscape Architects, and is committed to developing quality learning activities in accordance with ASLA criteria. ALSA participants will receive 6 CEU's for attending conference events on April 2 and 7 CEU's for attending conference events on April 3.

PDH's available for engineers participating in conference events.

Early Bird Registration Deadline is March 26th, 2009

Please mail this form with your payment to:

Iowa Storm Water Education Program (IAMU)

Attention: Kathleen Gibbons

1735 NE 70th Ave.

Ankeny, IA 50021-9353

Tel: 515-289-1999 / Toll Free: 800-810-4268 / Fax: 515-289-2499

www.iowastormwater.org